

CENTRAL VALLEY PROJECT
SCHEDULE OF ESTIMATED M&I OPERATION & MAINTENANCE COSTS
BY FACILITY AND/OR COMPONENT
2011 M&I WATER RATES

A	B	C	D
Facility/Contractor	Estimated FY 2011 M&I O&M & Corps Costs	Estimated Project Use Energy Costs (Sch. A-10/A-11)	Total Estimated FY 2011 M&I O&M Costs (B+C)
Ref	<FY 2011 Budgets>	<Sch A-10 & A-11>	
Storage 6/			
American River			
Black Butte Reservoir 1/	\$66,675	-	\$66,675
Clear Creek Tunnel	-	-	-
Columbia-Mowry System	30,861	\$1,777	32,638
Delta Cross Channel	7,087	-	7,087
F&WL Mitigation (Reimbursable)			
Coleman National Fish Hatchery	422,323	-	422,323
Wetlands Improvement	-	-	-
Folsom D&R	70,493	-	70,493
Folsom D&R (ARRA)			
Folsom Pipeline	-	-	-
Folsom PP	66,878	141,744	208,622
Friant D&R	195,315	12,344	207,659
Gianelli, WR PGP	-	39,693	39,693
Less: GWRPG Direct Pumping 4/			
Regeneration Credit (A-10) 4/	-	(31,676)	(31,676)
Hill, CA Whiskeytown Dam	40,907	-	40,907
New Melones D&R	-	-	-
Nimbus D&R	16,353	-	16,353
San Joaquin River	21,533	-	21,533
Sacramento River	7,030	-	7,030
Security Costs	231,337	-	231,337
Other Routine O&M Costs, San Luis Dam 4/	1,650,924	-	1,650,924
Shasta D&R	164,992	62,734	227,726
Trinity D&R	13,160	-	13,160
Total Storage (Water Ratesetting) 6/	\$3,005,868	\$226,616	\$3,232,484

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Conveyance

Delta-Mendota Canal		-	
DMC Recirculation Study	1,176	-	1,176
Emergency Management	-	-	-
Friant-Kern Canal	5,621	-	5,621
Life Safety Code Corrections	-	-	-
Handicap Accessibility	-	-	-
Red Bluff Diversion Dam	1,102	-	1,102
Red Bluff PP	-	-	-
San Luis Canal	209	-	209
South Delta Hydrodynamics Fish Inv	1,999	-	1,999
Tehama-Colusa Canal	808	-	808
Tehama-Colusa Fish Facilities	62	-	62
Conveyance (Direct Billed)	<u>\$10,977</u>	<u>-</u>	<u>\$10,977</u>
Folsom-South Canal (Water Ratesetting)	\$ 435,000	-	\$435,000
Total Conveyance	<u>\$445,977</u>	<u>-</u>	<u>\$445,977</u>

Conveyance Pumping

Dos Amigos PP		\$30,680	\$30,680
O'Neill PGP		143,394	143,394
O'Neill PGP (ARRA)		-	-
Jones PP		1,015,324	1,015,324
Jones PP Mitigation Program	191,974	-	191,974
Total Conv. Pumping (Direct Billed)	<u>\$191,974</u>	<u>\$1,189,398</u>	<u>\$1,381,372</u>

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Ref	<FY 2011 Budgets>	<Sch A-10 & A-11>	(B+C)
Direct Pumping			
Colusa County WD	-	\$886	\$886
Contra Costa PP (Contra Costa WD)	\$78,000	699,419	777,419
Kanawha WD	-	4	4
Pleasant Valley PP (City of Coalinga)	-	31,086	31,086
San Benito County WD	2/	-	-
Gianelli, WR PGP	4/	17,178	17,178
Pacheco PP	-	43,794	43,794
San Luis WD Relifts	-	7,233	7,233
Santa Clara Valley WD	2/	-	-
Coyote PP	-	128,235	128,235
Gianelli, WR PGP	4/	346,570	346,570
Pacheco PP	-	883,572	883,572
Shasta PP (City of Shasta Lake)	-	40,212	40,212
State-Delta PP (Cross Valley Canal)	-	2,142	2,142
Westlands WD Relifts	-	8,683	8,683
Wintu PP (Bella Vista WD)	-	27,719	27,719
Dos Amigos PP (Cross Valley Canal)	-	2,181	2,181
Total Direct Pumping	\$78,000	\$2,238,914	\$2,316,914
Sub Total	\$3,721,819	\$3,654,928	\$7,376,747
Water Marketing Expense			
Suisun Marsh Protection	\$111,056	-	\$111,056
Water Contract Administration	1,023,431	-	1,023,431
Water & Power Systems Control	502,047	-	502,047
Other Expenses	456,920	-	456,920
General Expense	3/ 74,186	-	74,186
Non-Permanent Contractor Revenue	5/ (806,000)	-	(806,000)
Total Water Marketing	\$1,361,640	-	\$1,361,640
Less: Direct Billed	(\$202,951)	(\$1,189,398)	(\$1,392,349)
Grand Total	\$4,880,508	\$2,465,530	\$7,346,038

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FOOTNOTES

- 1/ Estimated based on the most recent 5-year average of actual O&M costs (Corps of Engineers) per the Financial Statement (Schedules 25).
2/ Suballocation of San Felipe Unit Direct Pumping Costs:

Direct Pumping Allocation (Sch A-10) 7/						
	Projected FY 2011 Deliveries	Ratios	William R. Gianelli Pump-Generator Plant PUE	Pacheco PP	Coyote PP	Grand Total
San Benito County WD	4,323	0.047224	\$17,178	\$43,794		\$60,972
S. Clara Valley WD (Sch. A-12)	87,220	0.952776	346,570	883,572	\$128,235	1,358,377
	<u>91,543</u>	<u>1.000000</u>	<u>\$363,748</u>	<u>\$927,366</u>	<u>\$128,235</u>	<u>\$1,419,349</u>
Total San Felipe	91,543	0.254824				
All Other Contractors	267,696	0.745176				
Total Storage	<u>359,239</u>	<u>1.000000</u>				

- 3/ O&M costs for Gianelli, WR Pump Generator plant were combined with the B.F. Sisk San Luis Dam and Reservoir. For San Felipe Unit, O&M for Gianelli, WR PGP will be included as part of storage and not under direct pumping as in previous years rates through 1999.
4/ Non-permanent revenue was calculated using a 5-yr average of the most recent actual non-permanent revenue (from O&M Expense Schedule - Schedule B-6) rounded to the nearest thousand.
5/ Storage Costs are broken down between San Felipe Unit Contractors and all others as follows:

	San Felipe Unit Storage	All Other Storage Contractors	Total
Projected 2011 Storage Deliveries	<u>91,543</u>	<u>267,696</u>	<u>359,239</u>
Ratios	<u>0.254824</u>	<u>0.745176</u>	<u>1.000000</u>
Allocated Gianelli, WR Pump Generator Costs			
Project Use Costs		\$39,693	\$39,693
Regeneration Credit		(31,676)	(31,676)
Allocated Other Storage O&M Costs	<u>\$821,672</u>	<u>2,402,795</u>	<u>3,224,467</u>
Total	<u>\$821,672</u>	<u>\$2,410,812</u>	<u>\$3,232,484</u>
Cost per Acre-foot (to Schedule A-8)	<u>\$8.98</u>	<u>\$9.01</u>	

* San Felipe Unit contractors' share of the William R. Gianelli PG PUE has been included in the direct pumping section(see Schedule A-11, page 2)